

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original	☐ Supp	lemental	Ц	Substitute
As a	below named inventor, I here	eby declare t	hat:		
Муг	esidence, post office address	and citizens	ship are as stated below next to	my.ı	name, and
and	ieve I am the original, first ar joint inventor (if more than on h a United States patent is so	e name is lis	ntor (if only one name is listed sted below) of the subject matto invention entitled	belov er wh	w) or an original, first ich is claimed and for
MET	HODS TO PREDICT EDEMA	AS A SIDE	EFFECT OF DRUG TREATM	IENT	
the s	specification of which:				•
	is attached hereto.				
	was filed on (day	y/month/year)	as Application No.		· · · · · · · · · · · · · · · · · · ·
	and, if this box (□) contain	s an ×			
2	was amended on	(day/month	/year)		
X	was filed as Patent Cooper	ation Treaty	international Application No.		•
	PCT/EP 03/11377	on _	14.10.2003 (day/month/year)		
	and, if this box (□) contains	s an ×			
	□ entered the national	al stage in th	e United States and was accor	rded /	Application No.
					•
	and, if this box (□) contains				•
	was amended, sub	sequent to e	entry into the national stage, on	' –	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

· ·									
COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED						
				Yes		No			
				Yes		No			
•				Yes		No			
				Yes		No .			
				Yes		No			
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:									
APPLICATION NO.		FILING DATE (day/month/year)							
60/418,556		15.10.2002							

United States	United States	Status (Pending,	International	
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
, 45	(day/month/year)	Patent No.)		(day/month/year)

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of or first joint		Marlene Michelle DRESSMAN		<u>,</u> 1.
Inventor's s	ignature	Marlene Drossman	Date -	(day/month/year)
Residence		Germantown, MD 20874, USA		· ·
Citizenship		USA .		
Post Office	Address	18005 Red Rocks Drive Germantown, MD 20874 USA		
Full name o joint invento		Sridhar KUDARAVALLI		
Inventor's si	gnature	•	Date -	(day/month/year)
Residence		Chicago, IL 60615, USA		
Citizenship		India		
Post Office A	Address	1401 E. Hyde Park Blvd, Apt. 405 Chicago, IL 60615 USA		

Full name of third joint inventor, if any	Rachel Helene MALINOWSKI		·
Inventor's signature		Date	
			(day/month/year)
Residence	Pittsburgh, PA 15206, USA		
Citizenship	USA		
Post Office Address	6351 Walnut Street, Apt. 9 Pittsburgh, PA 15206 USA		
Full name of fourth joint inventor, if any	Lee Anne MC LEAN		
Inventor's signature		Date -	(day/month/year)
Residence	Medway MA 02053, USA		
Citizenship			
Post Office Address	11 Maple Street Medway, MA 02053 USA		*
Full name of fifth joint inventor, if any	Mihael Hristos POLYMEROPOULOS		
Inventor's signature		Date -	(day/month/year)
Residence	Potomac, MD 20854, USA		
Citizenship	USA		
Post Office Address	11300 Ridge Mist Terrace Potomac, MD 20854 USA		



DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental		Substitute
	below named inventor, I here				
Муг	esidence, post office address	and	citizenship are as stated below next to	my r	name, and
and	lieve I am the original, first a joint inventor (if more than or th a United States patent is so	ie nai	le inventor (if only one name is listed me is listed below) of the subject matte on the invention entitled	belov er whi	w) or an original, first ich is claimed and for
ME1	THODS TO PREDICT EDEM	A AS	A SIDE EFFECT OF DRUG TREATM	ENT	
the :	specification of which:				
	is attached hereto.			,	
	was filed on (da	y/mo	as Application No	· <u>-</u>	
	and, if this box (□) contai	ns an	x '		
	□ was amended on	(da	ay/month/year)		
×	was filed as Patent Coope	eratio	n Treaty international Application No.		
	PCT/EP 03/11377		on <u>14.10.2003</u> (day/month/year)		
	and, if this box (□) contai				
	entered the nation	al sta	age in the United States and was accor	rded .	Application No.
	and, if this box (□) contai	ns an	× .		
	was amended, su	bseq	uent to entry into the national stage, or	۰ _	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

Case

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

•		·					_		
COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED						
				Yes		No			
				Yes		No			
				Yes		No			
	•			Yes		No			
•				-Yes -	🗖	No			
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:									
APPLICATION NO.	,	FILING DATE (day/month/year)							
60/418,556		15.10.2002							

United States	United States	Status (Pending,	International		
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date	
1	(day/month/year)	Patent No.)		(day/month/year)	

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	Full name of sole or first joint inventor	Marlene Michelle DRESSMAN		
	Inventor's signature	D	ate -	(day/month/year)
	Residence	Germantown, MD 20874, USA		
	Citizenship	USA		
	Post Office Address	18005 Red Rocks Drive Germantown, MD 20874 USA		
	Full name of second joint inventor, if any	Sridhar KUDARAVALLI		
	Inventor's signature	Da	ate _	· 10/5 / 05 (day/month/year)
•	Residence	Chicago, IL 60615, USA	-	
	Citizenship	India		
	Post Office Address	1401 E. Hyde Park Blvd, Apt. 405 Chicago, IL 60615 USA		
-				

US

•	•	·	<u>'</u>
Full name of third joint inventor, if any	Rachel Helene MALINOWSKI		
•			·
Inventor's signature		Date _	
			(day/month/year)
Residence	Pittsburgh, PA 15206, USA		
Citizenship	USA		
Post Office Address	6351 Walnut Street, Apt. 9 Pittsburgh, PA 15206 USA		
Full name of fourth joint inventor, if any	Lee Anne MC LEAN		
Inventor's signature		Date	
Inventor's signature			(day/month/year)
Residence	Medway MA 02053, USA		·
Citizenship			
Post Office Address	11 Maple Street Medway, MA 02053 USA		
Full name of fifth joint inventor, if any	Mihael Hristos POLYMEROPOULOS		
Inventor's signature		Date	
Myentor's signature			(day/month/year)
Residence	Potomac, MD 20854, USA	·	·
Citizenship	USA		
Post Office Address	11300 Ridge Mist Terrace Potomac, MD 20854 USA		

10/530391

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

					,
×	Original	Ö	Supplemental		Substitute
As a	a below named inventor, I here	by d	eclare that:	•	
Му	residence, post office address	and	citizenship are as stated below next to	my ı	name, and
I be and	lieve I am the original, first an	d so e na	le inventor (if only one name is listed me is listed below) of the subject matte	belo	w) or an original, first
ME	THODS TO PREDICT EDEMA	AS	A SIDE EFFECT OF DRUG TREATM	ENT	
the	specification of which:				
	is attached hereto.				
	was filed on (da	y/mo	as Application No		
	and, if this box (□) contain	ıs ar	, x '		
	☐ was amended on	(d	ay/month/year)		•
×	was filed as Patent Coope	ratio	n Treaty international Application No.		
	PCT/EP 03/11377		on 14.10.2003 (day/month/year)		
	and, if this box (□) contain	is an	×		
	entered the nation	al sta	age in the United States and was acco	rded	Application No.
	and, if this box (□) contain	s an	<u> </u>		
	was amended, sub	seq	uent to entry into the national stage, or	- ۱	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

							-		
COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	F	RIORI	TY CLA	Y CLAIMED			
				Yes		No			
				Yes		No			
				Yes		No			
••	. •			Yes		No			
•				Yes		No			
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:									
APPLICATION NO.		FILING DATE (day/month/year)		· · · · · · · · · · · · · · · · · · ·					
COMAN EEC		15 10 2002							

United States	United States	Status (Pending,	International	
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Marlene Michelle DRESSMAN		
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	_ Date	(day/month/year)
Residence Citizenship	Germantown, MD 20874, USA		
Post Office Address	18005 Red Rocks Drive Germantown, MD 20874 USA		•
Full name of second joint inventor, if any	Sridhar KUDARAVALLI		
Inventor's signature		Date -	(day/month/year)
Residence	Chicago, IL 60615, USA		-
Citizenship	India		•
Post Office Address	1401 E. Hyde Park Blvd, Apt. 405 Chicago, IL 60615 USA		

Full name of third joint inventor, if any	Rachel Helene MALINOWSKI		
Inventor's signature	Rethel & Mulh	Date -	// Apr / 05 (day/month/year)
Residence	Pittsburgh, PA 15206, USA (LSK)		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
Citizenship	USA		
Post Office Address	6351 Walnut Street, Apt. 9 Pittsburgh, PA 15206 USA		
Full name of fourth joint inventor, if any	Lee Anne MC LEAN		
Inventor's signature		Date –	(day/month/year)
			(day/montr/year)
Residence	Medway MA 02053, USA		
Citizenship			
Post Office Address	11 Maple Street Medway, MA 02053 USA		
Full name of fifth joint inventor, if any	Mihael Hristos POLYMEROPOULOS		
Inventor's signature		Date	
"Hours a old interes		_	(day/month/year)
Residence	Potomac, MD 20854, USA		
Citizenship	USA		
Post Office Address	11300 Ridge Mist Terrace Potomac, MD 20854 USA		

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

X	Original		Supplemental		Substitute		
As a	a below named in	nventor, I hereby d	eclare that:				
Му і	My residence, post office address and citizenship are as stated below next to my name, and						
and	joint inventor (if	more than one nar	le inventor (if only on me is listed below) of on the invention entit	the subject matter wh	w) or an original, first iich is claimed and for		
ME.	THODS TO PRE	EDICT EDEMA AS	A SIDE EFFECT OF	DRUG TREATMENT			
he	specification of v	which:					
	is attached h	nereto.	·				
	was filed on	(day/mo	as Applica	tion No.			
	and, if this b	ox (□) contains an	×				
	□ was	amended on (di	ay/month/year)				
×	was filed as	Patent Cooperation	n Treaty international	Application No.			
	PCT/EP 03/	11377	on 14.10.200 (day/month/y				
	and, if this b	ox (□) contains an	x '				
	□ ente	ered the national sta	age in the United Stat	es and was accorded	Application No.		
	and, if this b	ox (□) contains an					
	□ was	amended, subseq	uent to entry into the	national stage, on	(dav/month/year)		

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	F	RIORIT	Y CLA	IMED		
				Yes		No		
				Yes		No		
				Yes		No		
	•			Yes		No		
		•		Yes		No		
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:								
APPLICATION NO.		FILING DATE (day/month/year)						
60/418.556		15.10.2002						

United States	United States	Status (Pending,	Internati	onal
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

If this box () contains an x , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Marlene Michelle DRESSMAN		
Inventor's signature		Date _	(day/month/year)
Residence	Germantown, MD 20874, USA		
Citizenship	USA		
Post Office Address	18005 Red Rocks Drive Germantown, MD 20874 USA		,
Full name of second joint inventor, if any	Sridhar KUDARAVALLI		
Inventor's signature		Date	
			(day/month/year)
Residence	Chicago, IL 60615, USA		
Citizenship	India		
Post Office Address	1401 E. Hyde Park Blvd, Apt. 405 Chicago, IL 60615 USA		

Full name of third joint inventor, if any	Rachel Helene MALINOWSKI		
Inventor's signature		Date .	(day/month/year)
Residence	Pittsburgh, PA 15206, USA		
Citizenship	USA		
Post Office Address	6351 Walnut Street, Apt. 9 Pittsburgh, PA 15206 USA		
Full name of fourth joint inventor, if any	Lee Anne MC LEAN		
Inventor's signature	_	Date	
			(day/month/year)
Residence	Medway MA 02053, USA		
Citizenship			
Post Office Address	11 Maple Street Medway, MA 02053 USA		
Full name of fifth joint inventor, if any	Mihael Hristos POLYMEROPOULOS		
Inventor's signature	· MAN M	Date	$\frac{6/28/205}{(\text{day/month/year})}$
	UST	7	(day/mona/year)
Residence	Potomac, MD 20854, USA	•	
Citizenship	USA		
Post Office Address	11300 Ridge Mist Terrace Potomac, MD 20854		

USA

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION Substitute Supplemental Original As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled METHODS TO PREDICT EDEMA AS A SIDE EFFECT OF DRUG TREATMENT the specification of which: is attached hereto. as Application No. was filed on (day/month/year) and, if this box (□) contains an × was amended on (day/month/year) was filed as Patent Cooperation Treaty international Application No. × 14.10.2003 PCT/EP 03/11377 (day/month/year) and, if this box (□) contains an × entered the national stage in the United States and was accorded Application No. and, if this box (□) contains an ×

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

was amended, subsequent to entry into the national stage, on

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

(day/month/year)

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	F	RIORIT	Y CLA	IMED		
				Yes		No		
				Yes		No		
				Yes		No		
· •	•			Yes		No		
				Yes		No		
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:								
APPLICATION NO.	·	FILING DATE (day/month/year)						
60/418 556		15.10.2002	- <u>-</u>					

United States	United States	Status (Pending,	International	
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

US

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Marlene Michelle DRESSMAN		
Inventor's signature		Date .	(day/month/year)
Residence	Germantown, MD 20874, USA		
Citizenship	USA		
Post Office Address	18005 Red Rocks Drive Germantown, MD 20874 USA		
Full name of second joint inventor, if any	Sridhar KUDARAVALLI		. •
Inventor's signature		Date	
			(day/month/year)
Residence	Chicago, IL 60615, USA		
Citizenship	India		
Post Office Address	1401 E. Hyde Park Blvd, Apt. 405 Chicago, IL 60615 USA		

	Full name of third joint inventor, if any	Rachel Helene MALINOWSKI		
	Inventorio oignaturo		Date	·
	Inventor's signature		_	(day/month/year)
	Residence	Pittsburgh, PA 15206, USA		
	Citizenship	USA		•
	Post Office Address	6351 Walnut Street, Apt. 9 Pittsburgh, PA 15206 USA	.•	
HW	Full name of fourth joint inventor, if any	Lee Anne MC LEAN		
	Inventor's signature	July My	Date	14/04/05 (day/month/year)
	Residence	Medway MA 02053, USA		
	Citizenship	•		
	Post Office Address	11 Maple Street Medway, MA 02053 USA		
	Full name of fifth joint inventor, if any	Mihael Hristos POLYMEROPOULOS		
	Inventor's signature		Date –	(day/month/year)
	Residence	Potomac, MD 20854, USA		
	Citizenship	USA		
	Post Office Address	11300 Ridge Mist Terrace Potomac, MD 20854		